

Dedicated to the Memory of Paris Kanellakis

The articles in this special issue appeared in a preliminary form in the *Proceedings of the Eleventh ACM SIGACT-SIGMOD-SIGART Symposium on Principles of Database Systems*, held in San Diego, California, June 2–4, 1992. The authors of selected papers were invited to submit full versions, which were then refereed according to the usual editorial standards of this journal. The editor of this special issue was originally Paris Kanellakis. On December 20, 1995, Paris was killed in a tragic plane crash in the Andes. At that time, the work for the special issue was nearly, but not quite, completed. I then finished the task that Paris had begun. This issue is dedicated with love and respect to Paris' memory.

Ronald Fagin
Special Issue Editor